

CLAIMS

What is claimed is:

1. A connector for connecting elongated enclosures of a wire and/or cable enclosure system, the connector comprising:

a manually bendable pleated body having first and second ends;

a first coupling member extending from the first end of the body, the first coupling member for attaching one of the elongated enclosures to the connector; and

a second coupling member extending from the second end of the body, the second coupling member for attaching another one of the elongated enclosures to the connector;

wherein the pleated body allows the connector to be manually bent from side-to-side and/or front-to-back, and/or be manually lengthened or shortened to provide a desired configuration.

2. The connector according to claim 1, wherein the body and coupling members form a single-piece molded member.

3. The connector according to claim 1, wherein the body and coupling members are made from a plastic composition.

4. The connector according to claim 3, wherein the plastic composition includes a component with electromagnetic absorbing properties.

5. The connector according to claim 4, wherein the component comprises ferrite particles.

6. The connector according to claim 4, wherein the plastic composition further includes a second component with electromagnetic reflecting properties.

7. The connector according to claim 6, wherein the second component comprises metal particles.

8. The connector according to claim 3, wherein the plastic composition includes a component with electromagnetic reflecting properties.

9. The connector according to claim 8, wherein the component comprises metal particles.

10. The connector according to claim 3, wherein at least one of the body and coupling members defines a textured surface which increases electromagnetic shielding.

11. The connector according to claim 10, wherein the textured surface is an exterior surface.

12. The connector according to claim 10, wherein the textured surface is an interior surface.

13. An enclosure system for wires and /or cables, the system comprising:
elongated enclosures; and
a connector comprising:
a manually bendable pleated body having first and second ends;

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a first coupling member extending from the first end of the body, the first coupling member for attaching one of the elongated enclosures to the connector; and

a second coupling member extending from the second end of the body, the second coupling member for attaching another one of the elongated enclosures to the connector;

wherein the pleated body allows the connector to be manually bent from side-to-side and/or front-to-back, and/or be manually lengthened or shortened to provide a desired configuration.

14. The enclosure system according to claim 13, wherein the body and coupling members of the connector form a single-piece molded member.

15. The enclosure system according to claim 13, wherein at least the connector is made from a plastic composition.

16. The enclosure system according to claim 15, wherein the plastic composition includes a component with electromagnetic absorbing properties.

17. The enclosure system according to claim 16, wherein the component comprises ferrite particles.

18. The enclosure system according to claim 16, wherein the plastic composition further includes a second component with electromagnetic reflecting properties.

19. The enclosure system according to claim 18, wherein the second component comprises metal particles.

20. The enclosure system according to claim 15, wherein the plastic composition includes a component with electromagnetic reflecting properties.

21. The enclosure system according to claim 20, wherein the component comprises metal particles.

22. The enclosure system according to claim 15, wherein at least the connector defines a textured surface which increases electromagnetic shielding.

23. The enclosure system according to claim 22, wherein the textured surface is an exterior surface.

24. The enclosure system according to claim 22, wherein the textured surface is an interior surface.